

FORM PTO-1449
(REV. 7-80)

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.
1998-016-08US

SERIAL NO.
10/040,469

LIST OF PUBLICATIONS CITED BY APPLICANT
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APPLICANT
LAYZELL, et al.

FILING DATE
January 9, 2002

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3643



U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>[Signature]</i>	1	2,088,869	Aug 3, 1937	Porter		
<i>[Signature]</i>	2	2,869,998	Jan. 20, 1959	Vierling		
<i>[Signature]</i>	3	3,359,091	Dec 19, 1967	Clevenger		
<i>[Signature]</i>	4	3,661,549	May 9, 1972	Freytag et al.		
<i>[Signature]</i>	5	5,299,383	Apr. 5, 1994	Takakura et al.		
<i>[Signature]</i>	6	5,566,627	Oct. 22, 1996	Pryor		
<i>[Signature]</i>	7	5,965,801	Oct. 12, 1999	Layzell et al.		

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FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
<i>[Signature]</i>	1	WO 98/44802	Oct. 15, 1998	WIPO		

OTHER PUBLICATIONS (Including Author, Title, Date, Pertinent Pages, Etc.)

<i>[Signature]</i>	1	Conrad, R., et al., "Contribution of hydrogen production by biological nitrogen fixation to the global hydrogen budget." <i>J. Geophysical Research</i> 85: 5493-5498 (1980);
<i>[Signature]</i>	2	Dugnani, L., et al., "Biological oxidation of hydrogen in soils flushed with a mixture of H ₂ , CO ₂ , O ₂ and N ₂ ." <i>FEMS Microbiology Ecology</i> 38: 347-351 (1986);
<i>[Signature]</i>	3	Eisbrenner, G., et al., "Aspects of hydrogen metabolism in nitrogen-fixing legumes and other plant-microbe associations." <i>Ann. Rev. Plant Physiol.</i> 34: 105-136 (1983);

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* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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Sheet 2 of 2

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- JK 4 La Favre, J.S., et al., "Conservation in soil of H₂ liberated from N₂ fixation by Hup⁺ nodules." *Applied and Environmental Microbiology* **46**: 304-311 (1983);
- JK 5 Nelson, L.M., "Hydrogen recycling by *Rhizobium leguminosarum* isolates and growth and nitrogen contents of pea plants (*Pisum sativum* L.)." *Applied and Environmental Microbiology* **45**: 856-861 (1983);
- JK 6 Popelier, F., et al., "Soil H₂-uptake in relation to soil properties and rhizobial H₂-production." *Plant and Soil* **85**: 85-96 (1985);
- JK 7 Schubert, K.R., et al., "Hydrogen evolution: A major factor affecting the efficiency of nitrogen fixation in nodulated symbionts." *Proc. Nat. Acad. Sci. U.S.A.* **73**: 1207-1211 (1976);
- JK 8 Schuler, S., et al., "Hydrogen oxidation in soil following rhizobial H₂ production due to N₂ fixation by a *Vicia faba*-*Rhizobium leguminosarum* symbiosis." *Biol. Fertil. Soils* **11**: 190-195 (1991);
- JK 9 Schuler, S., et al., "Hydrogen oxidation activities in soil as influenced by pH, temperature, moisture, and season." *Biol. Fertil. Soils* **12**: 127-130 (1991).

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